**Experiment 2** - # Conditional if else statements in python

print("Using if statement to check if b is greater than a")

a = int(input("Enter the value of a: "))

b = int(input("Enter the value of b: "))

print("a and b are ", a, b)

if b > a:

print("b is greater than a")

print()

print("Using if and else statement to check if b is greater than a")

a = int(input("Enter the value of a: "))

b = int(input("Enter the value of b: "))

print("a and b are ", a, b)

if b > a:

print("b is greater than a")

else:

print("b is not greater than a")

print()

print("Using if else elif statement to check if integer in positive or negative")

number = int(input("Enter an integer: "))

if number > 0:

print("Positive number")

elif number == 0:

print('Zero')

else:

print('Negative number')

print()

print("Using nestes if statement to check range of input values")

var = int(input("Enter an integer betweem 1 and 1000: "))

if var < 1000:

print("Expression value is less than 1000")

if var < 750:

print("Expression value is less than 750")

elif var < 500:

print("Expression value is less than 500")

elif var < 250:

print("Expression value is less than 250")

elif var < 100:

print("Expression value is less than 100")

elif var < 50:

print("Expression value is less than 50")

else:

print("Could not find true expression")

